

elements of a structured type object stored on the programming station,

- a step (32) to search in a configuration table for the physical location declared for each module that the designer has associated with symbolic input-output variables (100) of the application program,

- a step (33, 35) to construct the exact topological address of each symbolic variable (100) of the application program, using interpretation means on the programming station, starting from the relative address and the physical location found.

4. (Amended) Programming process according to claim 1, characterized in that the step to define structured type objects comprises a step to create a table (1.1, 1.2) of structured type object elements comprising a first column containing at least one identification of a characteristic data of the structured type object, a second column containing the elementary data type (EDT) and a third column containing the relative address of the data, and then memorizing this table in portable memory means, for each structured type object.

Q2 6. (Amended) Programming process according to claim 1, characterized in that the process comprises a step to configure input-output modules comprising a step to select a commercial reference of an input-output module, and assignment of the selected input-output module to a determined physical location, the interpretation step then including a step to check that the input-output module selected at a determined physical location is compatible with the structured type object configured at the same physical location.